



Decision Support Briefing for SnowEx (NASA) – 13 February, 2017

Overview

The latest weather system will quickly transition east out of the region overnight tonight, leaving some low stratus and mid to high level clouds in its wake for Tuesday morning. High pressure will bring clearing skies to the region throughout the day Tuesday with conditions relatively clear and ceilings high through Thursday. Temperatures will also warm to more normal to slightly above normal temperatures for this time of year. Clouds will begin to increase across the area on Friday with the next weather system moving in sometime between Friday and Saturday.

Local Weather Hazards for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

[Hazardous Weather Outlook](#)

National Weather Service Forecast for 10 Miles NNW Cedaredge CO (Grand Mesa at Mesa/Delta Co Line)

For the latest forecast, go to:

<http://forecast.weather.gov/MapClick.php?lat=39.027&lon=-108.02>

Tonight: A 20 percent chance of snow before 11pm. Mostly cloudy, with a low around 22. Southeast wind around 5 mph.

Tuesday: Mostly sunny, with a high near 34. South southeast wind around 5 mph becoming north in the afternoon.

Tuesday Night: Mostly clear, with a low around 22. East northeast wind around 5 mph.

Wednesday: Sunny, with a high near 37. East northeast wind around 5 mph becoming west in the morning.

Wednesday Night: Mostly clear, with a low around 26.

Thursday: Sunny, with a high near 39.

Thursday Night: A chance of snow after midnight. Partly cloudy, with a low around 24.

Friday: A chance of snow before 1pm, then a chance of rain and snow. Partly sunny, with a high near 36.

Friday Night: A chance of snow. Mostly cloudy, with a low around 26.

Saturday: A chance of rain and snow. Mostly cloudy, with a high near 36.

Saturday Night: A chance of rain and snow. Mostly cloudy, with a low around 25.

Sunday: A chance of snow. Cloudy, with a high near 33.

Sunday Night: Snow likely. Cloudy, with a low around 22.

Washington's Birthday: A chance of snow. Cloudy, with a high near 33.

Local Weather Hazards for 7 Miles ENE Ophir CO (Senator Beck)

[Winter Weather Advisory](#)
[Hazardous Weather Outlook](#)

National Weather Service Forecast for 7 Miles ENE Ophir CO (Senator Beck)

For the latest forecast, go to:

<http://forecast.weather.gov/MapClick.php?lat=37.905&lon=-107.72>

Tonight: Snow likely, mainly before 9:00 pm. Cloudy, with a low around 16. East wind 10 to 15 mph. Chance of precipitation is 70%. New snow accumulation of 1 to 2 inches possible.

Tuesday: Partly sunny, with a high near 25. Northeast wind around 10 mph.

Tuesday Night: Mostly clear, with a low around 18. East northeast wind 10 to 15 mph.

Wednesday: Sunny, with a high near 31. Northeast wind around 10 mph becoming northwest in the afternoon.

Wednesday Night: Mostly clear, with a low around 22.

Thursday: Sunny, with a high near 35.

Thursday Night: A chance of snow after midnight. Partly cloudy, with a low around 19.

Friday: A chance of snow. Partly sunny, with a high near 30.

Friday Night: A chance of snow, mainly after midnight. Mostly cloudy, with a low around 20.

Saturday: A chance of snow. Cloudy, with a high near 27.

Saturday Night: A chance of snow. Cloudy, with a low around 18.

Sunday: A chance of snow. Cloudy, with a high near 25.

Sunday Night: Snow likely. Patchy blowing snow. Cloudy, with a low around 15.

Washington's Birthday: A chance of snow. Mostly cloudy, with a high near 24.

Aviation Forecast for Grand Junction Regional Airport

KGJT 132339
TAFGJT
TAF
KGJT 132339Z 1400/1424 03008KT P6SM BKN250
 TEMPO 1400/1402 05010G20KT
 FM140500 17004KT P6SM BKN250
 FM140900 05004KT P6SM BKN250
 FM142000 35004KT P6SM SKC=

Aviation Forecast for Colorado Springs Airport

KCOS 132320Z 1400/1424 35016KT P6SM OVC070
 FM140500 36010KT P6SM OVC090
 FM141200 35011KT P6SM SCT090 BKN150
 FM141700 36013KT P6SM FEW100 SCT150=

Aviation Forecast for Centennial Airport

KAPA 132338Z 1400/1424 01008KT P6SM SCT090 BKN120
 FM140200 32007KT P6SM SCT120 BKN220
 FM140900 20006KT P6SM FEW120 SCT220
 FM141800 34007KT P6SM FEW130 SCT220
 FM142100 03007KT P6SM FEW140 SCT220=

Discussion

Grand Mesa forecast cloud levels:

Tuesday: BKN 9000 ft AGL increasing to 12000 by noon. Some low stratus is possible until after noon.

Senator Beck forecast cloud levels:

Tuesday: 4000 ft AGL in the morning increasing to 9000 AGL around 0900 MST and clearing out in the afternoon.

Current PIREPs: <https://www.aviationweather.gov/airep/plot?type=turb&ion=SW>

Current SITREPs: <https://www.aviationweather.gov/sigmet>

Current radar:

<http://radar.weather.gov/radar.php?rid=GJX&product=NCR&overlay=11101111&loop=yes>

Current satellite: <http://www.weather.gov/satellite?image=ir#ir>

For official pilot briefings, call 1-800-WX-BRIEF

For Further Information

- Contact National Weather Service operations 24 hours a day at 970-256-9463 (unlisted)
- For specific support of emergency response incidents, request a spot forecast by contacting the NWS forecast office by phone or online.
- Online spot forecast request available at:
<http://www.weather.gov/spot/monitor/?lat=39.0293452169889&lon=-109.20392753906285&z=7>

Forecaster: Julie Malingowski

